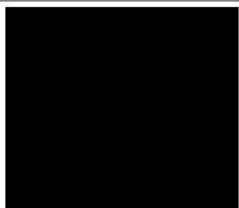


## Chemistry Report for Case # P-13-0248

### General

**Submitter:** [REDACTED]**Contact:** [REDACTED]**Contact Telephone No.:** [REDACTED]**TS No.:** [REDACTED]**Chemist:** Fehir, Rick**Contractor Support:** Y**PV Init (kg/yr):** [REDACTED]**PV Max (kg/yr):** [REDACTED]**Binding Option:** ☐**Exposure-Based Review:** ☒**Manufacture:** ☐**Import:** ☒**CAS Number:** 171611-11-3**Chemical Name:** Imidodisulfuryl  
fluoride, lithium salt (1:1)**Trade Name:** [REDACTED]**IES Order:** None**Generic Name:**

### Chemical Structure



### Physical Chemical Properties

**Molecular Formula:** [REDACTED]**Molecular Weight:** [REDACTED]**% < 500:****% < 1000:****MP:** [REDACTED]**MP Estimate:**

<b>BP:</b>	<b>BP Pressure:</b>
<b>BP Estimate:</b>	
<b>VP (Torr):</b>	<b>VP Estimate (Torr):</b> <0.000001
<b>Water Solubility (g/L):</b> [REDACTED]	<b>Water Soluble Estimate (g/L):</b>
<b>Log P:</b>	<b>Log P Estimate:</b>
<b>Physical State — Neat:</b> [REDACTED]	<b>Physical State — Manuf:</b> NK: Import

<b>Physical State — Processing:</b> [REDACTED] material
<b>Physical State — End Use:</b> [REDACTED]

### Additional Chemical Info

<p>Submitted</p> <p>Properties: MP = [REDACTED] WS = [REDACTED]; Solubility in Acetonitrile = [REDACTED]. The IR spectrum is included with the LVE submission. Literature Properties: MP = 130 °C (Electrochemistry Communications 2008, 10, 1886), 124-128 °C (Polyhedron 2006, 25, 1292). Estimated Properties: VP &lt; 0.000001 torr (Salt).</p>
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### Uses

<b>Consumer Use?</b> [REDACTED]	
<b>Use:</b>	[REDACTED]
<b>Other Uses:</b>	[REDACTED]

### Reaction Description

<p>The PMN material is imported and no manufacturing information is provided. The reaction shown above is taken from the synthesis of the PMN material in [REDACTED]</p>
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is reacted with

### **Pollution Prevention Analysis(P2 Analysis:)**

P2

**Claim:**

## Analogs

**Analogs:**

### Comments/Telephone Log

<b>Artifact</b>	<b>Update/Upload Time</b>
<a href="#">P-13-0248.mol</a>	02/05/2013 15:40